



STANDARD NOTES

JANUARY 2007

ADDITIONAL NOTES

[illegible]

STANDARD NOTES

SHEET NO. 1

STANDARD NOTES SHEET INDEX

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SHEET 7	SN26 - The Contractor may obtain material from Excess Excavation. SN27 - WARNING: Fiber optic cable in area

STANDARD NOTES

SHEET NO. 2

STANDARD NOTES LIST

- 2H - Information For All Stationed Horizontal Alignments are shown on Sheet 2-H.
- BRGR - For Details of Grading Section at Bridge Site, see Special Plan _C.
- CPL - Culvert Pipe Legend
- DNDT - Do Not Disturb Trees
- DNSC - For Details not shown see County Road Plan & Profile Sheet
- DNSH - For Details not shown see Highway __ Plan & Profile Sheet
- DNSL - For Details not shown see Sheet 2-L.
- DNSN - For Details not shown see Sheet 2-N.
- DNST - For Details not shown see Temporary Road Plan & Profile Sheet.
- SHIFT - Shifted Center Line.
- EW01 - Embankment within State ROW at the following locations.
- EW02 - Embankment within State ROW at the following locations
- EW03 - Embankment within State ROW throughout the project.
- EW04 - Embankment within State ROW throughout the project.
- EW05 - Embankment within State ROW throughout the project.
- EW06 - Embankment within State ROW throughout the project at the following locations.
- EW07 - Embankment will be furnished by the Contractor, other than State ROW.
- EW08 - Embankment will be furnished by the Contractor, other than State ROW.
- EW09 - Embankment will be furnished by the Contractor, other than State ROW.
- EW10 - Embankment will be furnished by the Contractor, other than State ROW.
- EW11 - Embankment within State ROW throughout the project.
- EW12 - Embankment within State ROW throughout the project at the following locations.
- EW13 - Additional embankment within State ROW through the project.
- EW14 - Earthwork measured in embankment furnished by the Contractor.
- EW15 - Earthwork measured in embankment within State ROW, throughout project.
- EW16 - Earthwork measured in embankment within State ROW at the following locations.
- PMP01 - Contractor may use alternate Culvert and Sewer Pipe materials.
- PLEG - Preliminary Legend
- SNBOX - NOTES
- SNA - The Engineer shall relocate center line as shown.
- SN4 - The Contractor will be required to furnish cohesive material
- SN5 - Towers, Poles and Pull Boxes that are not numbered
- SN6 - The locations of all aerial and underground utility facilities may not be indicated.
- SN9 - All existing delineators on this project shall be removed and reset by State
- SN10 - All existing guardrail & guard posts on this project shall be removed by State.
- SN11 - All existing guardrail on this project shall be removed by State.
- SN12 - The Contractor will be required to furnish borrow.
- SN13 - The Contractor will not be required to furnish borrow.
- SN14 - The Contractor will be required to furnish waste areas for excess.
- SN18 - All existing guardrail shall be used in place.
- SN19 - The back fill at abutments shall be made by the Bridge Contractor.
- SN20 - All existing delineators shall be removed by State.
- SN21 - All permanent seeding shall be accomplished by State.
- SN22 - * cubic yards Earthwork measured in embankment of which
- SN23 - The existing cable guardrail was constructed in accordance with the details
- SN24 - The existing cable guardrail was constructed in accordance with the details.
- SN25 - The existing cable guardrail was constructed in accordance with the details.
- SN26 - The Contractor may obtain material from Excess Excavation.
- SN27 - WARNING: Fiber optic cable in area

STANDARD NOTES

SHEET NO. 3

CELL NAME

2H

Information for all stationed Horizontal Alignments are shown on Sheet 2-H.

Place Horizontally on Plan Portion of Sheet.

BRGR

For Details of Grading Section at Bridge Site, see Special Plan *.

Place Horizontally on Profile Portion of Plan & Profile Sheet. (Where applicable)

CPL

CULVERT PIPE LEGEND	
TYPE	DESCRIPTION
1 RCSP	Reinforced Concrete Sewer Pipe
2 RCP	Reinforced Concrete Pipe
3 GCCMP	Galvanized (zinc) Coated Corrugated Metal Pipe
4 ACCMP	Aluminum Coated Corrugated Metal Pipe
5 PCCMP	Polymer Coated Corrugated Metal Pipe
6 HDPE-CI	High Density Polyethylene (corrugated Interior)
7 HDPE-SI	High Density Polyethylene (smooth Interior)
8 PVC	Polyvinyl Chloride Pipe

CELL NAME

DNSL

For Details not shown see Sheet 2-L

Place Horizontally on Plan Portion of Plan & Profile Sheet.

DNSN

For Details not shown see Sheet 2-N

Place Horizontally on Plan Portion of Sheet.

DNST

For Details not shown see Temporary Road Plan & Profile Sheet

Place Horizontally on Plan Portion of Plan & Profile Sheet.

SHIFT

Shifted $\frac{1}{4}$ *' Rt.

DNDT

STA. ---+-- TO STA. ---+-- ON RT.
DO NOT DISTURB TREES.

Place Horizontally on Plan Portion of Plan & Profile Sheet.

DNSC

For Details not shown see County Road Plan & Profile Sheet

Place Horizontally on Plan Portion of Plan & Profile Sheet.

DNSH

For Details not shown see Highway -- Plan & Profile Sheet

Place Horizontally on Plan Portion of Plan & Profile Sheet.

STANDARD NOTES

SHEET NO. 4

CELL NAME

FOR INFORMATION ONLY

- EW01** • As indicated by the Cross-Sections, Embankment will be required to construct the earth portion of the shoulder. This material is available within State Right-of-Way, as directed by the Engineer, at the following locations:

FOR INFORMATION ONLY

- EW02** • As indicated by the Typical Section, Embankment will be required to construct the earth portion of the shoulder. This material is available within State Right-of-Way, as directed by the Engineer, at the following locations:

FOR INFORMATION ONLY

- EW03** • As indicated by the Typical Section, Embankment will be required to construct the earth portion of the shoulder. This material is available within State Right-of-Way, throughout the Project, as directed by the Engineer.

FOR INFORMATION ONLY

- EW04** • As indicated by the Typical Section, Embankment will be required to construct the earth portion of the shoulder. This Embankment and material needed for Roadway Grading will be available within State Right-of-Way, throughout the Project, as directed by the Engineer.

FOR INFORMATION ONLY

- EW05** • As indicated by the Cross-Sections, Embankment will be required to construct the earth portion of the shoulder. This material is available within State Right-of-Way, throughout the Project, as directed by the Engineer.

FOR INFORMATION ONLY

- EW06** • As indicated by the Cross-Sections, Embankment will be required to construct the earth portion of the shoulder. This Embankment and material needed for Roadway Grading will be available within State Right-of-Way, throughout the Project, as directed by the Engineer at the following locations:

CELL NAME

FOR INFORMATION ONLY

- EW07** • As indicated by the Cross-Sections, Embankment will be required to construct the earth portion of the shoulder. This material will be furnished by the Contractor from sources other than State Right-of-Way.

FOR INFORMATION ONLY

- EW08** • As indicated by the Cross-Sections, Embankment will be required to construct the earth portion of the shoulder. This Embankment and material needed for Roadway Grading will be furnished by the Contractor from sources other than State Right-of-Way.

FOR INFORMATION ONLY

- EW09** • As indicated by the Typical Section, Embankment will be required to construct the earth portion of the shoulder. This material will be furnished by the Contractor from sources other than State Right-of-Way.

FOR INFORMATION ONLY

- EW10** • As indicated by the Typical Section, Embankment will be required to construct the earth portion of the shoulder. This Embankment and material needed for Roadway Grading will be furnished by the Contractor from sources other than State Right-of-Way.

FOR INFORMATION ONLY

- EW11** • As indicated by the Cross-Sections, Embankment will be required to construct the earth portion of the shoulder. This Embankment and material needed for Roadway Grading will be available within State Right-of-Way, throughout the Project, as directed by the Engineer.

FOR INFORMATION ONLY

- EW12** • As indicated by the Typical Section, Embankment will be required to construct the earth portion of the shoulder. This Embankment and material needed for Roadway Grading will be available within State Right-of-Way, throughout the Project, as directed by the Engineer at the following locations:

STANDARD NOTES

SHEET NO. 5

CELL NAME

CELL NAME

FOR INFORMATION ONLY

- EW13** • Any additional Embankment required to construct the earth portion of the shoulder is available within State Right-of-Way, throughout the Project, as directed by the Engineer.

FOR INFORMATION ONLY

- EW14** • As indicated by the Cross-Sections, Earthwork Measured in Embankment will be required. This material will be furnished by the Contractor from sources other than State Right-of-Way.

FOR INFORMATION ONLY

- EW15** • As indicated by the Cross-Sections, Earthwork Measured in Embankment will be required. This material is available within State Right-of-Way, throughout the Project, as directed by the Engineer.

FOR INFORMATION ONLY

- EW16** • As indicated by the Cross-Sections, Earthwork Measured in Embankment will be required. This material is available within State Right-of-Way, as directed by the Engineer, at the following locations.

FOR INFORMATION ONLY

- PMP01** • The Contractor may use alternate Culvert/Sewer Pipe materials on this project provided the materials comply with the current NDOR Pipe Policy. Copies of the current policy are available upon request from the Construction Division. The Contractor is responsible for all costs required for substitution. Payment for Culvert/Sewer work will be based on the existing construction specifications and items shown in the proposal.

Substitutions will not be allowed for pipe extensions on this project.

This project is not located within the Sandhills Region.

This project is not located within the Corrosive Soils Region.

PLEG

LEGEND

---	G---	GAS LINE
----	E----	ELECTRICAL SERVICE
---	P---	POWER LINE
---	OP---	OVERHEAD POWER LINE
---	SAN---	SANITARY SEWER
---	SS---	STORM SEWER
---	T---	TELEPHONE LINE
---	FO---	FIBER OPTIC TELE. LINE
---	OT---	OVERHEAD TELEPHONE LINE
---	TV---	CABLE TV LINE
---	OTV---	OVERHEAD CABLE TV LINE
---	W---	WATER LINE
---	○---	FENCE - CHAIN LINK
---	x---	FENCE - R.O.W. OR WIRE
---	□---	FENCE - WOOD
---	---	FLOWLINE
---	---	CENTER LINE DRIVE
⊙		BENCH MARK
⊙		CENTER PIVOT
⊙		CONTROL POINT
⊙		GAS METER
⊙		GAS VALVE
+		GRID TICK
+		GUARDRAIL
•		GUARD POST
•		GUY POLE
→		GUY WIRE
✱	OR	LIGHT POLE
⊙		MAILBOX
⊙		MANHOLE
⊙		MARSH
⊙		OIL WELL
⊙		PHOTO CODE POINT
⊙		POWER BOX
⊙		POWER POLE
⊙		POWER PULL BOX
⊙		PROPANE TANK
⊙		R.O.W. MARKER
⊙		ADVANCED R.R. WARNING SIGN
⊙		RAILROAD WARNING
⊙		RAILROAD TRACKS
⊙		RETAINING WALL
⊙		SATELLITE DISH
⊙		SIGN
⊙		TRAFFIC SIGNAL
⊙		TRAFFIC SIGNAL/ST. LIGHT
⊙		TELEPHONE BOX
⊙		TELE. FIBER OPTICS BOX
⊙		TELEPHONE PULL BOX
⊙		TELEPHONE POLE
⊙		TELEVISION BOX
⊙		TREE - CONIFEROUS
⊙		TREE - DECIDUOUS
⊙		TREE STUMP
⊙		WATER (FIRE) HYDRANT
⊙		WATER VALVE
⊙		WATER METER
⊙		WELL
⊙		WINDMILL

Attach this cell to the General Information Sheet.

STANDARD NOTES

SHEET NO. 6

CELL NAME

CELL NAME

SNBOX

NOTES

SNA

The Engineer shall relocate C as shown.

SN4

- The Contractor will be required to furnish Cohesive Material for Shoulder Construction from sources other than State Right-of-Way.

SN5

Towers, Poles and Pull Boxes that are not numbered and Conduit Lengths that are not dimensioned, are shown on another sheet.

SN6

The locations of all aerial and underground utility facilities may not be indicated in these plans. Underground utilities, whether indicated or not will be located and flagged by the Utilities at the request of the Contractor.

No excavation will be permitted in the area of underground utility facilities until all such facilities have been located and identified to the satisfaction of all parties. The excavation must be accomplished with extreme care in order to avoid any possibility of damage to the utility facility.

SN9

- All existing Delineators on this Project shall be removed and reset by State Forces.

SN10

- All existing Guardrail & Guard Posts on this Project shall be removed by State Forces.

SN11

- All existing Guardrail on this Project shall be removed by State Forces.

SN12

- The Contractor will be required to furnish Borrow on this Project.

SN13

- The Contractor will not be required to furnish borrow on this Project.

SN14

- The Contractor will be required to furnish Waste Areas for Excess Excavation on this Project

SN18

- All existing Guardrail on this Project shall be used in place.

SN19

- The Backfill at abutments shall be made by the Bridge Contractor.

SN20

- All existing Delineators on this Project shall be removed by State Forces.

SN21

- All Permanent Seeding as required on this Project shall be accomplished by State Forces.

SN22

- * cubic yards Earthwork Measured in Embankment of which * cubic yards shall be excavated as shown in the Cross-Sections.

SN23

- The existing Cable Guardrail was constructed in accordance with the details shown in "For Information Only Special Plan *C". The Contractor shall furnish all materials necessary to reset the guardrail in accordance with Standard Plan 702-R6 except the existing posts may be reset.

SN24

- The existing Cable Guardrail was constructed in accordance with the details shown in "For Information Only Special Plan *C". The Contractor shall furnish all materials necessary to reset the guardrail in accordance with Standard Plan 702-R6.

SN25

- The existing Cable Guardrail was constructed in accordance with the details shown on "For Information Only Special Plan *C". The Contractor shall reset the guardrail in accordance with Standard Plan 702-R6.

STANDARD NOTES

SHEET NO. 7

CELL NAME

- SN26 • The Contractor may obtain material for Shoulder Construction from Excess Excavation.
- SN27 • WARNING:
Fiber Optic Cable in area contact owner before beginning work.